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The President's Corner

Alex Fishman, PE

I think we can all agree 2020 has been a challenging year. But like most challenges, new opportunities always bubble to the surface. Activity with our clients has been on the increase which we are taking as a positive sign that their businesses are taking advantage of growth opportunities.

In the pet food space, pet owners are increasing in number and there is a renewed focus on pet health. Because of this increase in demand, pet food companies are looking to improve production capacity, while focusing on pet food safety measures and raw material management.

In the agricultural and food production space, our clients are seeing a rise in demand for flour, sugar and milled grains to handle the baking craze the pandemic has created, as well as the demand for commercially produced baked goods. All of this increase in demand is applying pressure on raw materials storage and transfer into plants as well as a demand for expanding commercial baking production quickly and efficiently with shorter down time.

At ADF Engineering, we've been thinking through ways to help our food, feed and consumer products clients expand production in more efficient ways. One solution we're focusing on is utilizing prefab production methods. Prefab production helps think through all the challenges of expanding production while focusing on safety, quality control and shorter on-site construction schedules. In this edition of *The ADF Engineering Experience* we focus on our latest innovation, Piping 1-2-3. This approach blends our process engineering experience with top piping contractors and installers to deliver fast and efficient piping design and build projects.

While this year has been a challenge, ADF Engineering continues to partner and build alliances to better serve you, our clients. Whatever your engineering challenge, we're here to help get your Problem Solved.

Prefab Piping Saves Time, Money and Improves Overall Quality



Combining laser scanning, piping design, prefabrication and installation allows for all disciplines to be involved. This process enables engineers and contractors to work together in resolving issues in advance of fabrication and construction, which ultimately facilitates better accuracy, performance, safety and installation in the field. Our innovative Piping 1-2-3 approach has positively impacted the construction industry.

Merging our engineering expertise with trusted piping prefabrication and installation partners improves the construction process allowing us to build different components more efficiently with greater safety, increased quality control, and a more cost-efficient installation process. Discover more about our innovative Piping 1-2-3 approach [HERE](#).

Schedule a **COMPLIMENTARY** site walkthrough and project evaluation. Contact **Steve Minnich** at (937) 510-7372 or sminnich@adfengineering.com



Tubular Conveyor Gallery Case Study

By Derek Jacobs, PE, SE, Str Dep Manager



One of the reasons clients select ADF Engineering is our creative approach to working with companies to solve challenging problems. A recent example is a project we undertook designing and building a tubular gallery at a transloading facility requiring specific structural, bulk material and dust hazards requirements. The unique challenge was the request for the conveyor bridge that spanned a length of 134 feet.

On top of the challenges with the span were requirements that the bridge be sealed and weather-tight, be developed on an accelerated timeline to have the facility online by the Fall harvest and be cost efficient to construct and maintain. The weather-tight and light weight design offers anew way to construct long span conveyer bridges. Read more [HERE](#).



Food Safety by Design White Paper

By Dave Miller, Operation Manager



As the saying goes, "an ounce of prevention is worth a pound of cure." Food quality programs have evolved to focus attention on prevention rather than responding to quality issues. Likewise, the 2011 Food Safety and Modernization Act (FSMA) marked a similar change in how our nation will operate to protect the food supply. Learn more about how ADF Engineering is assisting companies to achieve FSMA compliance with the new approaches to food safety [HERE](#).

ADF's Matt Williamson, PE, a Featured Keynote Speaker



ADF Engineering's Matt Williamson, PE, has been invited as a keynote speaker at the upcoming [Soybean 360: Agro Processing in Sub Saharan Africa virtual conference](#). Matt will be presenting his viewpoints on *The Global Trends in the Edible Oilseed Industry* on December 4th.

This online event will bring together researchers, technologists and industry experts from around the world to discuss a variety of key elements affecting the value chain, from the perspective of food processors.

How Are We Doing?

Have an idea for an article? Want to provide feedback on this newsletter?

